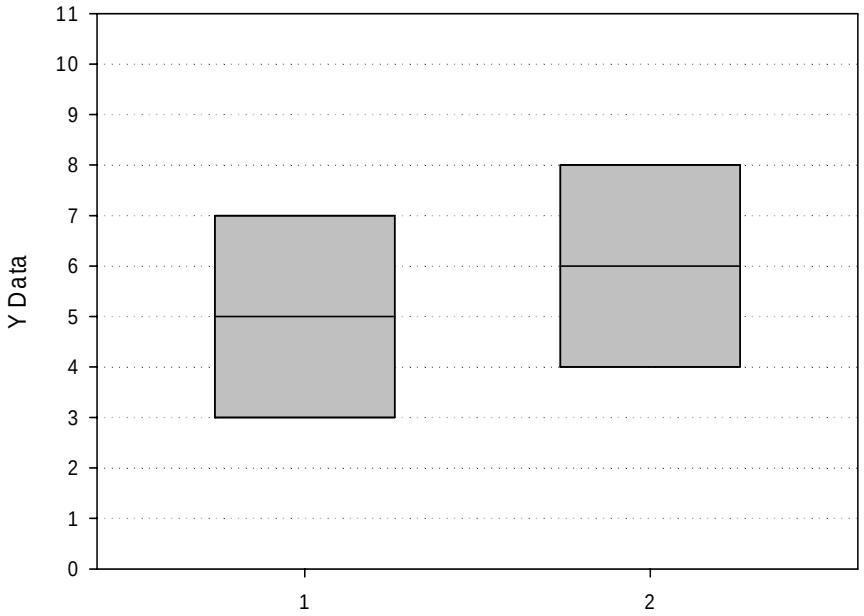
Boxplots from statistical parameters

You can create box plots from (calculated) statistical values: 1st, 2nd and 3rd quartile = 25th, 50th, and 75th percentile (see the Online Help on Box Plots).

If you also have rows for e.g. the minimum and maximum values in the worksheet (see below, columns 5 and 6) please duplicate the Q1 and Q3 rows, and create the graph from columns 8 and 9 in this case.

	1	2	3	4	5	6	7	8	9
1	Q1	3	4	Min	1	2	Min	1	2
2	Median	5	6	Q1	3	4	Q1	3	4
3	Q3	7	8	Median	5	6	Q1	3	4
4				Q3	7	8	Median	5	6
5				Max	9	10	Q3	7	8
6							Q3	7	8
7							Max	9	10



A note on percentile calculation methods

For the calculation of percentiles when graphing error bars and creating box plots, SigmaPlot uses either the Cleveland method or the Standard method for linear interpolation to determine the percentile value. You can select the method under Main Button > Options > General tab > Percentile Method (see Help: “Computing Percentile Methods”)